

THIE UNITED SHATES OF AVIERICA

TO ALL TO WHOM THESE PRESENTS SHAW COME:

Ardie G. Gustafson, Seedsman

Wilherens, there has been presented to the

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED NOVEL VARIETY OF SEXUALLY REPRODUCED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, therefore, this certificate of plant variety protection is to grant unto the said applicant(s) and the successors, heirs or assigns of the said applicant(s) for the term of seventeen years from the date of this grant, subject to the payment of the required fees and periodic replenishment of viable basic seed of the variety in a public repository as provided by LAW, the right to exclude others from selling the variety, or offering it for sale, or reproducing it, or importing it, or exporting it, or using it in producing a hybrid or different ariety therefrom, to the extent provided by the Plant Variety Protection Act. The United States seed of this variety (1) shall be sold by variety name only as lass of certified seed and (2) shall conform to the number of generations ared by the owner of the rights. (84 stat. 1542, as amended, 7 u.s.c. 2321 et seq.)

PEA

'Edison'

In Testimony Withereof, I have hereunlo set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington this seventh day of September in the year of our Lord one thousand nine hundred and seventy-six

Commissioner

Plant Variety Protection Office

Grain Division

Agricultural Marketing Service

Earl L. But Socretary of Agriculture FORM GR - 470 (12-15-72)

(DATE)

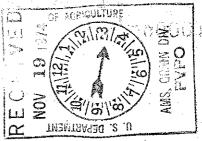
UNITED STATES DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE GRAIN DIVISION HYATTSVILLE, MARYLAND 20782

FORM APPROVED OMB NO. 40-R3712

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

. VARIETY NAME OR TEMPORARY	2. KIND NAME		FOR OFFICIAL USE ONLY		
DESIGNATION				DV NUMBER	
Edison	Peas		750	0037	
. GENUS AND SPECIES NAME	4. FAMILY NAME (Bo	tanical)	FILING DATE	/ TIME 2	
Pisum-Sativum	Legumino	sae	FEE RECEIVED	BALANCE DUE	
	5. DATE OF DETERM	MINATION	\$ 250	\$	
	August 19	August 1971		\$	
NAME OF APPLICANT(S)	7. ADDRESS (Street at Code)	nd No. or R.F.D. No.,	City, State, and ZIP	8. TELEPHONE AREA CODE AND NUMBER	
Western Valley Seed Co	. 317 D. St	reet P.O.	Box 855	(208)	
die a Gustafson, seedsman	Lewiston,	, Idaho 83501	TRADED AND A	743-6261	
714 8/31/76			e Amerikanski Sterikanski filologijski		
6. IF THE NAMED APPLICANT IS NOT A PE ORGANIZATION: (Comporation, partnership		10. STATE OF INCO		11. DATE OF INCOR- PORATION	
Corporation		Idaho		January 27, 19	
P. O. Box 855 Lewiston, Idaho 83501 3. CHECK BOX BELOW FOR EACH ATTAC	447 8/31/76				
🔀 13A. Exhibit A, Origin and Bre	eding History of the	Variety (See Section	on 52 of the Plant V	ariety Protection Act.)	
⊠ 13B. Exhibit B, Botanical Des	cription of the Variet			÷	
	cription of the Variety				
	cription of the Variety cription of the Variety e of Novelty				
Exhibit B, Botanical Des 13C. Exhibit C, Objective Descourse 13D. Exhibit D, Data Indicative 13E. Exhibit E, Statement of the 14A. Does the applicant(s) specify tha	cription of the Variety cription of the Variety c of Novelty te Basis of Applicant t seed of this variety	y 's Ownership be sold by variety	name only as a cla		
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INSTRUCTIONS



GENERAL: Send an original copy of the application, exhibits and \$250.00 fee to U.S. Dept. of Agriculture, Agricultural Marketing Service, Grain Division, 6525 Belcrest Road, Hyattsville, Maryland 20782. (See Section 180.175 of the regulations and rules of practice.) Retain one copy for your files. All items on the face of the form are self-explanatory unless noted below.

ITEM

- Insert the date the applicant determined that he had a new variety based on the definition in Section 41 (a) of the Act and decision is made to increase the seed.
- 13a First, give the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method. Second, give the details of subsequent stages of selection and multiplication. Third, indicate the type and frequency of variants during reproduction and multiplication and state how these variants may be identified. Fourth, provide evidence on stability.
- 13b First, give any special characteristics of the seed and of the plant as it passes through the seedling stage, flowering stage and the fruiting stage. Second, describe the mature plant and compare it with a similar commercial variety grown under the same conditions, and indicate the differences.
- 13c A supplemental form will be furnished by the PVPO to describe in detail a variety for each kind of seed.
- 13d Provide complete data indicative of novelty. Seed and plant specimens or photographs of seed and plant comparisons clearly indicating novelty may be submitted. Seeds submitted may be sterile.
- 13e Indicate whether applicant is the actual breeder, the employer of the breeder, the owner through purchase or inheritance, etc.

EXHIBIT "A"

Origin and Breeding History of the Variety

- 1. "Edison" originated in Idaho in 1970 from a hand pollinated cross between P. I. 203066 as the male parent and Scout as the female parent (P. I. 203066 X Scout).
- 2. The original cross was multiplied five generations through greenhouse and outside plot plantings. Pure line selections being made in the fifth generation and in 1971. Pure line selections were based on maturity, vine length, growth habits, yield, and certain disease resistance. Performance tests have been conducted at Western Washington Experimental Station, at Mount Vernon, Washington, the U.S.D.A. Agricultural Experiment Station, in Prosser, Washington, at Findus Limited of Sweden, Pea Growing Research Organisation Limited, of England and at Cornell University. Tests were also conducted by commercial processors at the same time. A portion of this progeny was increased in New Zealand during thier growing season of 1973-73.
- 3. This variety was stabilized in the fifth generation. No distinct variants have been observed in subsequent generations.



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	Botanical D	escription of Variety	- 11
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and Salaha New York	1: "Edison" is considered an early s	season perfection type freezer, foliage	
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		rfection type vine. The internodes short	
and the second	and the second of the second o	ghteen inches. Plant will do some branching	Э,
	and the second of the second o	lorence being on the twelfth node. Leaflets x, stipules are marbled, waxed, very dark	
And the first	· 我心理的,我就说,你不是我们的我就说。	re white with greenish venation, bearing	
	- · · · · · · · · · · · · · · · · · · ·	ht and blunt. Six or eight berries per Six	
		cotyledons. The variety resembles Scout	
Table 1 10 10 10 10 10 10 10 10 10 10 10 10 1	e de la de	rnodes. The difference being smaller	
G 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	seed size for Edison, with variety be Race 5 Wilt, near wilt and Top Yellov	eing green seeded and having resistance to	
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	7500	2037				
B. PODS:						
1 = STRAIGHT 2 = SLIGHTLY CURVED 1 Shape: 3 = CURVED	End: 1 = POINTED (Alderman					
1 = LIGHT GREEN (Alaska WR) 2 = MEDIUM 2 Color: 4 = OTHER (Specify)	GREEN 3 = DARK GREEN (Alderme	10)				
1 Surface: 1 = SMOOTH 2 = ROUGH	2 Surface: 1 = SHINY 2 =	그의 사용 사용은 어때 어느로 보고 있다. 장면 처음을 맞아 방법을 사용한				
1 = SINGLE 2 = DOUBLE 3 = SINGL Borne: 5 = DOUBLE & TRIPLE 6 = TRIPLE	E AND DOUBLE 4 = SINGLE, DOU 7 = OTHER (Specify)	pte, a fillion				
6 CM. LENGTH	6 MM. WIDTH (Between sutures)	0 7 NO. SEEDS PER POD				
9. SEEDS (95-100 Tenderometer):						
Color: 1 = LIGHT GREEN 2 = GREEN 3 =		AVEDACE				
Solve: % 9 1 6 2 5 3 3 1	$\begin{bmatrix} & & & & & & & & & & & & & & & & & & &$	3.3				
SEEDS (Dry, Mature):						
4 Shape: 1 = FLATTENED 2 = ANGULAR 3 = 0	ovat 4.≐ ROUNDED					
3 Surface: 1 = SMOOTH 2 = DIMPLED 3 = WRINKLED	Surface: 1 = SHINY 2	⇒ DULL				
Color Pattern: 1 = MONOCOLOR 2 = MOTTLED	생님 내일보고 보고 말하는 사람이 나는 생각이 하는 모나는 사람					
Primary Color: 1 = CREAMY-WHITE 2 = CREAM & GREEN 3 = LIGHT GREEN 4 = MEDIUM GREEN 5 = DARK GREEN 6 = BLUE-GREEN 7 = YELLOW 8 = BROWN 9 = RED						
Secondary Color: 10 = GRAY 11 = BLACK						
1 = WHITE 2 = TAN 3 = BLACK	Cotyledon Color: 1 = GREEN	1 2 = YELLOW 3 = ORANGE				
1 5 GRAMS PER 100 SEEDS						
10. DIZEASE: (0 = Not Tested; 1 = Susceptible; 2 = Resistant)						
FUSARIUM WILT	2 NEAR-WILT	DOWNY MILDEW				
ASCOCHYTA BLIGHT	POWDERY MILDEW	BACTERIAL BLIGHT				
Mosaic	PEA ENATION MOSAIC	YELLOW BEAN MOSAIC				
OTHER (Specify) Race 5 Wilt & Top Yellow	s <u>Resistant</u>					
11. INSECT: (O= Not Tested;) = Susceptible; 2 = Resistant)						
APHIDS	OTHER (Specify)					
12. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED CHARACTER NAME OF VARIETY CHARACTER NAME OF VARIETY						
CHARACTER NAME OF VARIETY	CHARACTER	Dark Green Perfection				
Leafiness Scout	Fresh Seed Color Mature Seed Color	Dark Green Perfection				
Leaf Color Scout Red Color Scout	Seed Shape	Scout				
Court	Plent Habit	Scout				
Pod Shape SCOUL						

EXHIBIT " D "

Data Indicative of Novelty

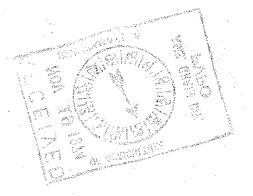
Novelty is based on the combination of the following characteristics. "Edison" most closely resembles "Scout" but Edison differs:

- (1) Race 5 Wilt Resistance, near Wilt Resistance
- (2) Seed size smaller (Edison 3000 seeds per lb) (Scout 2200 seeds per lb.)
- (3) Edison being green seeded and Scout yellow seeded.

EXHIBIT " E "

Statement of Applicants Ownership

Western Valley Seed Co. of Lewiston, Idaho believes it is the sole, original and first breeder of Edison variety of pea seed for which it solicits a Certificate of Protection.



ASSIGNMENT

WESTERN VALLEY SEED CO., a corporation organized and doing business under the laws of the State of Idaho, with its principal office at 317 D Street, City of Lewiston, County of Nez Perce, State of Idaho, in pursuance of a resolution of the Board of Directors of the corporation passed on December 23, 1975, and in consideration of a surrender of 555 shares of its common stock, the receipt of which is acknowledged, hereby selles, assigns, transfers, and sets over to ARDIE G. GUSTAFSON of 1421 Prospect, City of Lewiston, County of Nez Perce, State of Idaho, all its right, title and interest in and to that certain property described as follows:

All accounts receivable,
Refund of unearned insurance premiums receivable,
Refund of federal and Idaho corporate income taxes
receivable,

- All right, title and interest in and to that certain agreement dated the 10th day of January, 1975, by and between Western Valley Seed Co., as seller, and Crites Moscow Growers, Inc., as buyer,
- All right, title and interest in and to that certain license agreement dated the 10th day of January, 1975, executed by and between Western Valley Seed Co., as seller, and Crites Moscow Growers, Inc., as buyer,
- Equitable Life Assurance Society policy No. 61 241 718, insuring the life of Ardie G. Gustafson,
- All right, title and interest in and to Plant Variety Protection Act Certificates,
- One share of preferred stock of New York Seed Improvement Cooperative, Inc., represented by Certificate No. 21, dated June 29, 1970,
- All right, title and interest in and to all assets of Western Valley Seed Co., an Idaho corporation, whether or not enumerated hereinabove.

IN WITNESS WHEREOF, the corporation has executed this assignment

WESTERN VALLEY SEED CO.

By Irdie Dustafon President

ATTEST:

Lewitte & Hustefra Secretary

